

### DETAILED ACTION

1. This allowance is in response to the amendment filed after final rejection.
2. Claims 1-25, 32, 36, 40, 52, 58, and 64 are cancelled. Claims 26-31, 33-35, 37-39, 41-51, 53-57, 59-63, 65-67 are pending. Claims 26, 31, and 42 are independent claims. Claims 26-31, 33-35, 37-39, 41-51, 53-57, 59-63, and 65-67 are allowed.

### EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Dan Hu on: September 30, 2009.

*Amend the following in the specification:*

Page 9, line 20: "equipment, or storage medium, ~~or propagated signal~~ that is capable of being delivered to the central"

Page 10, lines 11-12: "permanently or temporarily in any type of machine, component, equipment, or storage medium, ~~or propagated signal~~ that is capable of being delivered to the central controller 110."

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Page 11, lines 19-20: “embodied permanently or temporarily in any type of machine, component, or equipment storage medium, ~~or propagated signal~~ that is capable of being delivered to the client systems 102.”

Page 13, line 3: “equipment, or storage medium, ~~or propagated signal~~ that is capable of being delivered to the site”

*Replace the previous claim 26 with the following:*

26. (Currently Amended) A method for displaying information on a display device, the method comprising:

receiving, from a remote central control server, a rotation set comprising a list identifying pages to be displayed in a predetermined sequence;

retrieving, from a cache, pages identified in the rotation set that are stored in the cache, wherein the pages in the rotation set are generated by the central control server;

determining that at least one page identified in the rotation set is not stored in the cache at the display device;

sending, to the remote central control server, at least one request for the at least one page identified in the rotation set that is not stored in the cache;

receiving, from the remote central control server, the requested pages in response to the at least one request, wherein the requested pages are generated by the central control server;

storing the received pages in the cache at the display device;

displaying each page of the rotation set, wherein the pages are retrieved from the cache and displayed in the predetermined sequence in a substantially continuous loop until pages in a new rotation set are received;

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receiving a notice of a change of at least one page in the rotation set, from the remote central control server, during display of the rotation set pages in the substantially continuous loop, wherein the remote central control server is notified of the change by a remote data server, and wherein the notice of the change received from the remote central control server is in response to the remote central control server referencing subscription data stored in a database to identify the display device that is to display data that has changed, wherein the subscription data indicates the rotation set that is to be displayed;

transmitting a request for a page to be generated and transmitted to the display device containing the changed data in response to the notice, wherein the request is transmitted to the remote central control server in response to the received notice of the change to the rotation set; and

receiving the page containing the changed data from the remote central control server.

Replace the previous claim 30, with the following:

30. (Currently Amended) The method of claim 26, wherein displaying each page comprises displaying each page using a web browser.

Replace the previous claim 31 with the following:

31. (Currently Amended) A system for displaying information on a set of display devices comprising: a database for storing data comprising:

page data relating to a layout and content on each page to be displayed on the set of display devices;

subscription data indicating at least one rotation set to be displayed on each display device in the set of display devices;

at least one central control server adapted to:

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receive a notification from a remote data server that data, provided by the remote data server for inclusion in a page to be displayed by a display device, has changed;

respond to the received notification that data has changed by referencing the subscription data stored in the database to identify at least one display device displaying data that has changed, according to the received notification, and notifying the at least one display device of the change in the stored data;

receive a request for a page containing the changed data;

generate the requested page according to the page data stored in the database and incorporating at least a portion of the changed data obtained from the remote data server; and

send the page to the at least one display device that displays the page in response to the received request; and

the at least one display device adapted to:

receive a rotation set comprising a list identifying pages to be displayed in a predetermined sequence;

retrieve, from cache at the display device, pages identified in the rotation set that are stored in a cache;

determine that at least one page identified in the rotation set is not stored in the cache associated with the display device;

send, to the central control server, at least one request for the at least one page identified in the rotation set that is not stored in the cache at the display device;

receive the requested pages in response to the at least one request;

store the received pages in the cache;

display each page of the rotation set, wherein the pages are retrieved from the cache and displayed in the predetermined sequence in a substantially continuous loop until a new rotation set is received;

receive a notice of the change in the stored data from the central control server during display of the rotation set pages in a substantially continuous loop;

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transmit the request for the page containing the changed data to the central control server; and  
receive the page containing the changed data.

Cancel the following claims:

32. (Cancelled)

58. (Cancelled)

64. (Cancelled)

***Allowable Subject Matter***

4. Claims 26-31, 33-35, 37-39, 41-51, 53-57, 59-63, and 65-67 are allowed.

The following is an examiner's statement of reasons for allowance:

With respect to the claims (26-31, 33-35, 37-39, 41-51, 53-57, 59-63, 65-67), the Applicant has rewritten independent claims 26, and 42, such that they include the allowable subject matter, similarly recited in allowable claim 31 (claim 31 had been indicated as allowable, in the previous office action dated 06/10/09). The claims that depend directly or indirectly upon one of the claims 26 or 42; are therefore allowable; since claims 26 and 42 are allowable. Thus, all independent claims (26, 31, and 42) are allowed, in view of applicant's after final amendment filed on: 09/10/09, and also in view of examiner's amendment indicated above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to WILSON TSUI whose telephone number is (571)272-7596. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Stephen S. Hong/

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